

# PATENT ABSTRACTS OF JAPAN

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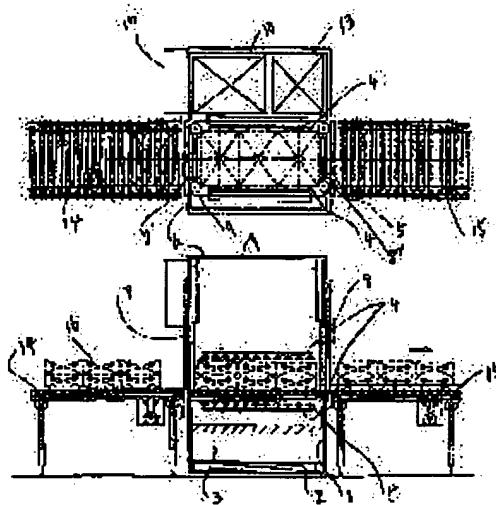
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**(54) TOTALLY ENCLOSED WASHER**

**(57) Abstract:**

**PROBLEM TO BE SOLVED:** To surely prevent a detergent of high volatility from leaking to working environment by housing an ultrasonic washing part, a part basket mounting belt conveyor part, a rinse washing part and a vapor washing part in a device body and carrying in and out a part basket through a shutter.

**SOLUTION:** A washing basket containing material to be washed is placed in a carry-in belt conveyor 14, and a carry-in side shutter 7 is opened to carry the basket onto a belt conveyor 5', and then, the shutter 7 is closed. Next, a shutter 6 is driven to immerse the whole basket on the conveyor 5' in washing liquid 3 in a washing tank 1, and ultrasonic washing is performed by an ultrasonic washing element 2. After washing, the conveyor 5' is returned to its original position, and then, rinse liquid is sprayed from a nozzle to perform rinse washing. Successively, vapor is jetted into a vessel from a still 10 to fill it with it to perform vapor washing and drying. Next, a mist separator 13 is driven and the vapor is liquefied and housed in a solvent recovery tank, and then, a carry-out shutter 8 is opened to carry out the basket.



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